

IN THE CLAIMS:

Please replace claims 1 and 4 with amended claims 1 and 4 as follows:

- C¹
1. An isolated non-murine mammalian pluripotential cell which can:
- (a) be maintained on feeder layers for at least 20 passages; and
 - (b) give rise to embryoid bodies and multiple differentiated cell phenotypes in monolayer culture, wherein said cell has the potency characteristics of a cell derived from a primordial germ cell by the process of: (1) culturing a non-murine mammalian primordial germ cell in a composition comprising basic fibroblast growth factor, leukemia inhibitory factor, membrane associated steel factor, and soluble steel factor; (2) selecting cells that have characteristics (a) and (b) above, and (3) isolating said non-murine pluripotential cell; and wherein the characteristics of the cell include having a normal karyotype.
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- Sub D¹
- C²
4. An isolated human pluripotential cell which can:
- (a) be maintained on feeder layers for at least 20 passages; and
 - (b) give rise to embryoid bodies and multiple differentiated cell phenotypes in monolayer culture, wherein said cell has the potency characteristics of a cell derived from a primordial germ cell by the process of: (1) culturing a human primordial germ cell in a composition comprising basic fibroblast